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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/726,612	12/04/2003	Akiyoshi Chosokabe	Q78605	5767

23373 7590 11/13/2006

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EXAMINER

HARPER, TRAMAR YONG

ART UNIT PAPER NUMBER

3714

DATE MAILED: 11/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/726,612		CHOSOKABE, AKIYOSHI	
	<b>Examiner</b>		<b>Art Unit</b>	
	Tramar Harper		3714	

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 04 December 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>7/8/04, 12/20/04</u> .  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

**Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Iwase et al (US 5,616,079).**

**Claim 1-5:** Iwase discloses a gaming device comprising of a game space calculation unit for controlling a game field/space and processing changes in image composition rates based on player operations (Col. 1:29-35, Col. 7:42-Col. 8:14, Col. 8:56-67, Figs. 3-4b & 20a-20b). Changes of images (composition rates) are processed based such as the player's viewpoint position, direction of view, view angle information, monitor angle and size information, and light source information (Col. 9:45-Col. 10:21). Iwase discloses a image rendering unit that arranges models or polygons of image data stored as texture information, for purposes of texture mapping within a three dimensional space (Col. 10:66-Col. 11:16). Iwase discloses that the processing unit contains memory that stores the predetermined game program (Col. 8:62-65).

**Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Yamazaki et al (US 6,280,323).**

**Claims 1-5:** Yamazaki discloses a gaming device that process image data relative to a game field based on user inputs (Col. 16:40-43). The game device displays images

based on changes in composition rates such as changes of images respective of viewing points and light sources (Col. 6:60-Col. 7:6, Col. 16:47-52, Figs. 18-21). The gaming device comprises of a storage medium contain image, voice, and game program data accessible by the game processor or CPU (Col. 16:32-36). The gaming device processes texture data to be pasted on polygon models. The color and luminance data of the textures is processed as well (Col. 17:5-49). The type of image processing is a form of texture mapping within a three dimensional space, which is well known in the art, for purposes of image rendering.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

**Kitao (US 20010030652), Haga (20010040575), Takahash (US 6,354,944), & Hinami (US 6,468,157) teach similarly structured gaming devices comprising of image processing respective of different viewpoints with the use of texture mapping within a three dimensional environment.**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamar Harper whose telephone number is (571) 272-6177. The examiner can normally be reached on 7:30am - 5:00pm.

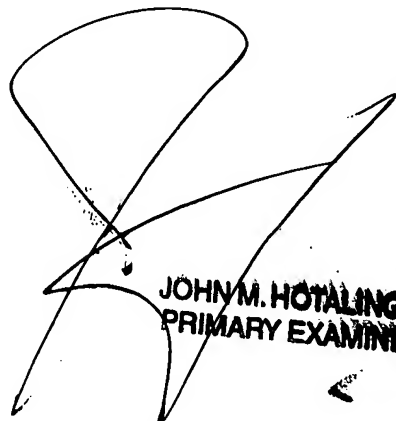
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Olszewski can be reached on (571) 272-6788. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3714

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TH

11/06/06



JOHN M. HOTALING, JR.  
PRIMARY EXAMINER